

APPENDIX 8: MARINE SPECIES HABITAT ASSOCIATIONS**TABLE AP 8 – 1:** Marine Invertebrate Species Habitat Associations

Scientific Name	Common Name	Tidal Fresh/Brackish Intertidal	Tidal Fresh/Brackish Submerged	Estuarine Intertidal	Estuarine Submerged	Ocean Beach/Surf	Shallow Atlantic Shelf
<i>Acanthohaustorius intermedius</i>					X X		
<i>Acanthohaustorius millsi</i>		X	X X				X
<i>Americhelidium americanum</i>				X			
<i>Americorchestia longicornis</i>	Common Atlantic sandhopper	X					
<i>Americorchestia megalophthalma</i>	Northern big-eyed sandhopper					X	
<i>Americorophium aquafuscum</i>				X			
<i>Ameroculodes edwardsi</i>				X X			
<i>Ampelisca abdita</i>		X	X				X
<i>Ampelisca vadorum</i>		X	X				
<i>Ampelisca verrilli</i>				X		X	
<i>Amphiporeia virginiana</i>						X X	
<i>Ampithoe valida</i>		X	X X				
<i>Apocorophium acutum</i>		X	X				
<i>Apocorophium lacustre</i>		X	X X				
<i>Apocorophium simile</i>		X	X X				
<i>Atylus minikoi</i>				X X			
<i>Batea catharinensis</i>				X			X
<i>Bathyporeia parkeri</i>				X X			
<i>Bemlos unicornis</i>				X X		X	
<i>Caprella equilibra</i>		X	X				
<i>Caprella penantis</i>		X	X X			X	
<i>Cerapus tubularis</i>		X	X X			X	
<i>Colomastix halichondriae</i>				X			X
<i>Cymadusa compta</i>		X	X X		X		
<i>Dulichiella appendiculata</i>				X			X
<i>Elasmopus levis</i>				X			X
<i>Eobrolgus spinosus</i>				X			X
<i>Ericthonius brasiliensis</i>				X			X
<i>Eudevenopus honduranus</i>				X			X
<i>Gammaropsis sutherlandi</i>				X X		X	X
<i>Gammarus daiberi</i>		X X	X X				
<i>Gammarus mucronatus</i>			X X				
<i>Gammarus palustris</i>			X X				
<i>Gammarus tigrinus</i>			X		X		
<i>Gitanopsis tortugae</i>			X X X				
<i>Globosolembos smithi</i>			X X				X
<i>Haustorius canadensis</i>						X	

Haustorius longirostris

X

Scientific Name	Common Name	Tidal Fresh/Brackish Intertidal	Tidal Fresh/Brackish Submerged	Estuarine Intertidal	Estuarine Submerged	Ocean Beach/Surf	Shallow Atlantic Shelf
<i>Hyale plumulosa</i>					X		
<i>Hyalella azteca</i>				X			
<i>Incisocalliope aestuarius</i>				X	X		
<i>Jassa marmorata</i>				X	X		
<i>Lembos hypacanthus</i>					X	X	X
<i>Lepidactylus dytiscus</i>				X	X		
<i>Leucothoe spinicarpa</i>				X	X		
<i>Listriella barnardi</i>					X		X
<i>Listriella clymenellae</i>					X		X
<i>Lysianopsis alba</i>	Gravel scud				X		X
<i>Maera caroliniana</i>					X		X
<i>Maera williamsi</i>							X
<i>Melita nitida</i>					X		X
<i>Metharpinia floridana</i>					X		X
<i>Micropotopus raneyi</i>							X
<i>Micropotopus shoemakeri</i>					X		
<i>Monocorophium acherusicum</i>				X	X		
<i>Monocorophium tuberculatum</i>					X		
<i>Neohaustorius biarticulatus</i>							X
<i>Neohaustorius schmitzi</i>							X
<i>Orchestia grillus</i>				X	X		
<i>Paracaprella tenuis</i>					X		X
<i>Parahaustorius longimerus</i>				X	X	X	
<i>Parhyale hawaiensis</i>				X	X		
<i>Photis pugnator</i>							X
<i>Protohaustorius deichmannae</i>					X	X	X
<i>Pseudohaustorius carolinensis</i>				X	X		
<i>Rhepoxynius epistomus</i>					X		X
<i>Rhepoxynius hudsoni</i>					X		X
<i>Sextonia</i> sp. A				X	X		
<i>Stenothoe georgiana</i>				X	X		
<i>Stenothoe minuta</i>					X		
<i>Stenothoe valida</i>							X
<i>Uhlorchestia spartinophila</i>					X	X	
<i>Uhlorchestia uhleri</i>				X	X	X	
<i>Unciola dissimilis</i>						X	X
<i>Unciola irrorata</i>						X	X
<i>Unciola serrata</i>						X	X
<i>Aplidium constellatum</i>					X		X
<i>Aplidium stellatum</i>	Sea pork				X		X
<i>Archidistoma aggregatum</i>					X	X	

Scientific Name	Common Name	Tidal Fresh/Brackish Intertidal	Tidal Fresh/Brackish Submerged	Estuarine Intertidal	Estuarine Submerged	Ocean Beach/Surf	Shallow Atlantic Shelf
<i>Ascidia interrupta</i>	Interrupted tunicate			X	X		
<i>Clavelina oblonga</i>	Oblong tunicate			X	X	X	
<i>Didemnum candidum</i>				X		X	
<i>Diplosoma macdonaldi</i>				X		X	
<i>Distaplia bermudensis</i>	Mottled encrusting tunicate			X		X	
<i>Ecteinascidia turbinata</i>	Mangrove tunicate			X		X	
<i>Eudistoma carolinense</i>				X	X	X	
<i>Eudistoma hepaticum</i>				X	X	X	
<i>Molgula manhattensis</i>	Sea grape			X	X		
<i>Molgula occidentalis</i>	Western sea squirt; Sandy sea squirt			X	X	X	
<i>Perophora viridis</i>	Green colonial tunicate; Creeping tunicate			X	X	X	
<i>Styela partita</i>	Divided tunicate			X		X	
<i>Styela plicata</i>	Pleated sea squirt; Leathery tunicate			X		X	
<i>Glottidia pyramidata</i>							X
<i>Branchiostoma</i> sp.						X	X
<i>Balanus eburneus</i>	Ivory barnacle			X	X		
<i>Balanus improvisus</i>	Bay barnacle				X	X	X
<i>Balanus subalbidus</i>				X	X		
<i>Balanus venustus</i>						X	X
<i>Chelonibia patula</i>	Crab barnacle			X	X	X	X
<i>Chelonibia testudinaria</i>	Turtle barnacle				X	X	X
<i>Chthamalus fragilis</i>	Fragile star barnacle			X	X	X	
<i>Conopea galeata</i>					X	X	X
<i>Lepas anatifera</i>	Smooth goose-neck barnacle; Tropical goose barnacle					X	X
<i>Octolasmis mulleri</i>				X		X	X
<i>Aiptasia erupaurantia</i>					X	X	X
<i>Aiptasia pallida</i>	Pale anemone				X	X	X
<i>Amphinema dinema</i>				X		X	
<i>Astrangia poculata</i>						X	X
<i>Aurelia aurita</i>	Moon jelly				X	X	X
<i>Bimeria brevis</i>					X		
<i>Bougainvillia rugosa</i>						X	X
<i>Bunodosoma cavernata</i>	Warty sea anemone; American warty anemone					X	X
<i>Calliactis tricolor</i>	Hitchhiking anemone; Tricolor anemone				X	X	X
<i>Ceriantheopsis americanus</i>	American tube-dwelling anemone				X		
<i>Chiropsalmus quadrumanus</i>	Multi-tentacled sea wasp				X	X	X
<i>Chrysaora quinquecirrha</i>	Sea nettle				X	X	X
<i>Clytia coronata</i>					X		
<i>Clytia cylindrica</i>							X
<i>Clytia hemispherica</i>					X	X	X
<i>Clytia kincaidi</i>					X	X	X
<i>Cyanea capillata</i>	Lion's mane jellyfish				X	X	X

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<i>Dynamena cornicina</i>						X	X
Ectopleura dumortieri					X		
<i>Edwardsia leidyi</i>			X	X			
<i>Eudendrium carneum</i>			X	X	X	X	
<i>Eudendrium ramosum</i>	Pink hydroid		X	X	X		
<i>Eudendrium tenellum</i>			X	X	X		
<i>Garveia franciscana</i>			X	X	X	X	
<i>Garveia humilis</i>					X	X	
<i>Haleci um gracile</i>					X		
<i>Haleci um tenellum</i>			X	X	X	X	
<i>Haloclava producta</i>			X	X			
<i>Halocordyle disticha</i>	Christmas tree hydroid				X	X	
<i>Hebella scandens</i>					X	X	X
<i>Hydractinia echinata</i>	Hermit crab hydroid; Snail fur		X	X	X		
<i>Leptogorgia virgulata</i>	Colorful sea whip				X	X	X
<i>Linvillea agassizi</i>					X	X	X
<i>Lovenella gracilis</i>							X
<i>Obelia bidentata</i>						X	
<i>Obelia dichotoma</i>					X	X	X
<i>Obelia geniculata</i>						X	X
<i>Oculina arbuscula</i>	a bush coral						X
<i>Paranthus rapiformis</i>	Onion anemone						X
<i>Paysa quadridentata</i>						X	
<i>Plumularia floridana</i>			X	X			
<i>Renilla reniformis</i>	Common sea pansy				X		X
<i>Rhopilema verrilli</i>	Mushroom jelly						X
<i>Schizotricha tenella</i>					X	X	
<i>Stomolophus meleagris</i>	Cannonball jellyfish; Cabbagehead jelly; Jellyball				X		X
<i>Tamoya haplonema</i>	Sea wasp						X
<i>Telesto fruticulosa</i>	Orange telesto (octocoral)						X
<i>Titanideum frauenfeldii</i>	Brilliant sea fingers (octocoral)						X
<i>Tridentata distans</i>							X
<i>Tubularia crocea</i>						X	
<i>Turritopsis nutricula</i>						X	
<i>Acartia tonsa</i>					X	X	X
<i>Euterpin a acutifrons</i>					X	X	
<i>Paracalanus crassirostris</i>						X	
<i>Pseudodiaptomus coronatus</i>						X	
<i>Tortanus setacaudatus</i>							X
<i>Mnemiopsis leidyi</i>			X		X	X	X
<i>Cyclaspis pustulata</i>					X	X	X
<i>Cyclaspis unicornis</i>							X

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<i>Cyclaspis varians</i>					X	X	
<i>Leucon americanus</i>					X		
<i>Mancocuma altera</i>				X	X		
<i>Oxyurostylis smithi</i>				X	X	X	
<i>Spilocuma watlingi</i>				X	X		
<i>Acetes americanus</i>				X	X	X	
<i>Albunea catherinae</i>							X
<i>Alpheus armillatus</i>	Banded snapping shrimp				X		
<i>Alpheus heterochaelis</i>	Green snapping shrimp; Common snapping shrimp		X	X			
<i>Alpheus normanni</i>	Bigclaw snapping shrimp			X		X	
<i>Arenaeus cribrarius</i>	Speckled swimming crab			X	X	X	
<i>Armases cinereum</i>	Squareback marsh crab		X		X		
<i>Austinixa cristata</i>	Cristate pea crab			X	X	X	
<i>Biffarius biformis</i>	Biform ghost shrimp			X	X	X	
<i>Callichirus major</i>	Carolinian ghost shrimp						X
<i>Callinectes exasperatus</i>	Rugose swimming crab			X		X	
<i>Callinectes larvatus</i>	Masked swimming crab			X		X	
<i>Callinectes sapidus</i>	Blue crab	X		X	X	X	
<i>Callinectes similis</i>	Lesser blue crab			X		X	
<i>Cancer irroratus</i>	Atlantic rock crab			X		X	
<i>Clibanarius vittatus</i>	Thinstripe hermit crab; Green-stripe hermit crab			X	X	X	X
<i>Cryptodromiopsis antillensis</i>	Decorator crab			X		X	
<i>Dissodactylus mellitae</i>	Sand-dollar pea crab					X	X
<i>Dyspanopeus sayi</i>	Say mud crab			X	X		
<i>Emerita talpoida</i>	Atlantic sand crab; Common mole crab						X
<i>Euceramus praelongus</i>	Olivepit porcelain crab					X	X
<i>Eurypanopeus depressus</i>	Flatback mud crab; Depressed mud crab		X	X			
<i>Eurytium limosum</i>	Broadback mud crab; Mangrove mud crab		X	X			
<i>Exhippolysmata oplophoroides</i>	Cock shrimp; Redleg humpback shrimp					X	
<i>Farfantepenaeus aztecus</i>	Brown shrimp			X	X		X
<i>Farfantepenaeus duorarum</i>	Pink shrimp; Northern pink shrimp			X	X		X
<i>Gilvossius setimanus</i>				X	X	X	
<i>Hepatus epheliticus</i>	Calico box crab; Shame faced crab; Gulf calico crab			X	X	X	
<i>Hexapalanopeus angustifrons</i>	Smooth mud crab		X	X			
<i>Hippolyte zostericola</i>	Zostera shrimp; Eelgrass broken-back shrimp			X		X	
<i>Hypoconcha arcuata</i>	Granulate shellback crab						X
<i>Hypoconcha parasitica</i>	Rough shellback crab						X
<i>Latreutes fucorum</i>	Slender sargassum shrimp			X		X	
<i>Latreutes parvulus</i>	Sargassum shrimp			X		X	
<i>Leander tenuicornis</i>	Brown glass shrimp			X		X	
<i>Lepidopa websteri</i>	Webster's mole crab			X	X	X	
<i>Leptalpheus forceps</i>	Forceps shrimp						X

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<i>Leptochela serratorbita</i>	Combclaw shrimp				X	X	
<i>Libinia dubia</i>	Longnose spider crab; Southern spider crab				X	X	
<i>Libinia emarginata</i>	Portly spider crab; Common spider crab				X	X	
<i>Litopenaeus setiferus</i>	White shrimp; Northern white shrimp	X		X			X
<i>Lucifer faxoni</i>				X		X	
<i>Lysmata wurdemanni</i>	Peppermint shrimp; Veined shrimp				X		X
<i>Macrobrachium acanthurus</i>	Cinnamon river shrimp	X					
<i>Macrobrachium ohioense</i>	Ohio river shrimp	X					
<i>Macrobrachium olfersii</i>	Bristled river shrimp	X					
<i>Megalobrachium soriatum</i>	Pentagonal porcelain crab						X
<i>Menippe mercenaria</i>	Florida stone crab		X	X	X	X	
<i>Metoporhaphis calcarata</i>	False arrow crab; Gulf arrow crab			X			
<i>Neopontonides beaufortensis</i>	Seawhip shrimp			X			X
<i>Ocypode quadrata</i>	Atlantic ghost crab					X	
<i>Ogyrides alphaerostris</i>	Estuarine longeye shrimp				X	X	X
<i>Ogyrides hayi</i>	Sand longeye shrimp			X	X	X	
<i>Ovalipes ocellatus</i>	Lady crab; Ocellate lady crab			X	X	X	
<i>Ovalipes stephensi</i>	Coarsehand lady crab			X	X	X	
<i>Pachygrapsus transversus</i>	Mottled shore crab; Common shore crab	X			X		
<i>Pagurus annulipes</i>	Banded dwarf hermit crab			X			X
<i>Pagurus carolinensis</i>	Worm reef hermit crab			X			X
<i>Pagurus longicarpus</i>	Long-armed hermit; Longwrist or Long-clawed hermit			X	X		X
<i>Pagurus pollicaris</i>	Flatclaw hermit crab; Gray hermit crab			X	X		X
<i>Palaemonetes intermedius</i>	Brackish grass shrimp	X			X		
<i>Palaemonetes pugio</i>	Daggerblade shrimp	X			X		
<i>Palaemonetes vulgaris</i>	Marsh grass shrimp	X			X		
<i>Panopeus herbstii</i>	Atlantic mud crab; Common mud crab		X	X	X		
<i>Panopeus obesus</i>	Saltmarsh mud crab		X	X	X		
<i>Panulirus argus</i>	Caribbean spiny lobster				X		X
<i>Pelia mutica</i>	Cryptic teardrop crab; Humpback or Red-spotted spider crab				X		X
<i>Periclimenes americanus</i>	American grass shrimp			X			X
<i>Periclimenes iridescentes</i>	Iridescent shrimp			X			X
<i>Periclimenes longicaudatus</i>	Longtail grass shrimp			X			X
<i>Persephona aquilonaris</i>				X			X
<i>Persephona mediterranea</i>	Mottled purse crab; Purse crab			X			X
<i>Petrochirus diogenes</i>	Giant hermit crab; Red hermit crab			X			X
<i>Petrolisthes galathinus</i>	Banded porcelain crab; Lined porcelain crab			X	X	X	
<i>Pilumnus sayi</i>	Spineback hairy crab; Hairy wharf crab			X			X
<i>Pinnixa chaetopterana</i>	Tube pea crab; Parchment-worm pea crab			X	X	X	
<i>Pinnixa lunzi</i>	Lunz pea crab			X			
<i>Pinnixa retinens</i>				X			
<i>Pinnixa sayana</i>				X			X

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Polyonyx gibbesi	Eastern tube crab			X	X		
Porcellana sayana	Spotted porcelain crab				X	X	
Portunus gibbesii	Iridescent swimming crab				X	X	
Portunus sayi	Sargassum swimming crab				X	X	
Portunus spinimanus	Blotched swimming crab				X	X	
Rhithropanopeus harrisii	Estuarine mud crab; Harris mud crab		X	X	X		
Rimapenaeus constrictus	Roughneck shrimp				X	X	X
Sesarma reticulatum	Heavy marsh crab; Purple marsh crab	X	X	X	X		
Sicyonia laevigata	Coral shrimp; Hardback; Rock shrimp				X		X
Speocarcinus carolinensis	Carolinian squareback crab				X		X
Synalpheus fritzmuelleri	Speckled snapping shrimp				X		X
Thor floridanus	Bryozoan shrimp				X		X
Tozeuma carolinense	Arrow shrimp				X		X
Tumidotheres maculatus	Squatter pea shrimp				X		X
Uca minax	Red-jointed fiddler crab	X	X	X			
Uca pugilator	Atlantic sand fiddler crab	X	X	X			
Uca pugnax	Mud fiddler crab; Atlantic marsh fiddler	X	X	X			
Upogebia affinis	Coastal mud shrimp				X	X	
Xiphopenaeus kroyeri	Atlantic seabob				X		X
Zaops ostreum	Oyster pea crab				X	X	
Amphiodia atra					X		
Amphioplus abditus					X		X
Amphipholis gracillima					X		
Arbacia punctulata	Purple-spined sea urchin; Brown rock urchin					X	X
Asterias forbesii	Forbes' sea star					X	X
Axiognathus squamatus					X	X	X
Echinaster brasiliensis					X	X	
Hemipholis elongata	Burrowing brittle star				X	X	
Leptosynapta tenuis					X		
Luidia clathrata	Lined sea star; Striped sea star; Netted sea star				X	X	X
Lytechinus variegatus	Green sea urchin; Variegated urchin				X	X	X
Mellita isometra	Sand dollar				X	X	
Moira atropos	Heart urchin; Mud urchin					X	
Ophioderma brevispinum	Short spinned brittle star; Short-armed brittle star				X		X
Ophiophragmus wurdemani	Mud brittle star				X	X	
Ophiothrix angulata	Angular brittle star				X		X
Pentameria pulcherrima							X
Pseudothyone belli	Hidden sea cucumber					X	X
Sclerodactyla briareus	Hairy sea cucumber				X	X	X
Thyonella gemmata	Striped sea cucumber				X	X	
Thalassema hartmani					X	X	
Aeverillia armata					X	X	X

Aeverillia setigera

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<i>Alcyonium hauffii</i>	Hauff's alcyonium	X	X	X			
<i>Amathia convoluta</i>	Common sheep's-wool bryozoan	X	X	X			
<i>Amathia distans</i>	Delicate sheep's-wool bryozoan	X	X	X			
<i>Amathia vidovici</i>		X					
<i>Anguinella palmata</i>	Muddy-tuft bryozoan	X	X	X			
<i>Bowerbankia gracilis</i>		X	X	X			
<i>Bowerbankia imbricata</i>		X	X	X			
<i>Bugula fulva</i>		X	X	X			
<i>Bugula neritina</i>	Purple tuft bryozoan; Common bugula	X	X	X			
<i>Bugula stolonifera</i>		X	X	X			
<i>Conopeum seurati</i>		X					
<i>Conopeum tenuissimum</i>		X					
<i>Crisia eburnea</i>		X	X	X			
<i>Cryptosula pallasiana</i>		X	X	X			
<i>Cupuladria doma</i>				X			
<i>Discoporella umbellata</i>				X			
<i>Electra monostachys</i>		X	X	X			
<i>Hippoporidra janthina</i>				X	X		
<i>Hippoporina verrilli</i>				X	X		
<i>Membranipora arborescens</i>		X	X				
<i>Membranipora tenuis</i>	Common sea mat		X	X	X		
<i>Nolella stipata</i>			X	X	X		
<i>Parasmittina nitida</i>	Toothed crust bryozoan	X	X				
<i>Schizoporella errata</i>	Variable crust bryozoan				X		
<i>Schizoporella unicornis</i>		X	X	X	X		
<i>Sundanella sibogae</i>			X	X	X		
<i>Synnotum aegyptiacum</i>				X	X		
<i>Thalamoporella floridana</i>	Lettuce bryozoan			X	X	X	
<i>Triticella elongata</i>				X	X	X	
<i>Zoobotryon verticillatum</i>				X			
<i>Barentsia laxa</i>				X	X	X	
<i>Loxosomella cricketae</i>				X			
<i>Loxosomella tethyae</i>				X			
<i>Pedicillina cernua</i>				X	X	X	
<i>Balanoglossus aurantiacus</i>	Golden acorn worm	X	X				
<i>Balanoglossus gigas</i>			X				
<i>Saccoglossus kowalevskii</i>			X				
<i>Schizocardium brasiliense</i>			X				
<i>Calliobdella vivida</i>			X	X	X		
<i>Anurida maritima</i>	Seashore springtail	X					
<i>Telmatogeton japonicus</i>		X					

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Scientific Name	Common Name	Tidal Fresh/Brackish Intertidal	Tidal Fresh/Brackish Submerged	Estuarine Intertidal	Estuarine Submerged	Ocean Beach/Surf	Shallow Atlantic Shelf
Aegathoa oculata				X	X		
Amakusanthura magnifica				X			
Ancinus depressus				X	X		
Cassidinidea ovalis				X	X		
Chiridotea almyra				X	X		
Chiridotea arenicola				X	X		
Chiridotea caeca	Beach sowbug			X	X		
Cleantioides planicauda		X	X				
Cyathura burbancki			X			X	
Cyathura polita		X	X				
Edotia triloba			X	X	X	X	
Erichsonella filiformis	Seaweed sowbug		X			X	
Exosphaeroma diminutum			X	X	X		
Idotea balthica			X			X	
Jaeropsis rathbunae						X	X
Kupellonura formosa			X			X	
Livoneca redmanii			X	X	X		
Livoneca reniformis			X	X	X		
Paracerceis caudata			X	X			
Probopyrinella latreuticola							X
Pseudionae upogebiae			X	X			
Sphaeroma quadridentatum			X	X			
Abra aequalis	Atlantic abra		X			X	
Acteocina canaliculata	Channeled barrel-bubble	X	X	X			
Acteocina candei							X
Aligena elevata	Eastern aligena			X			
Anadara brasiliiana	Incongruous ark						X
Anadara ovalis	Blood ark			X		X	
Anadara transversa	Transverse ark			X		X	
Ancula evelinae			X	X			
Anisodoris prea				X			
Anomia simplex	Common jingle			X	X	X	
Aplysia brasiliiana	Mottled seahare; Sooty seahare			X	X	X	
Armina tigrina	Tiger armina			X		X	
Astyris lunata	Lunar dovesnail			X	X	X	X
Bankia gouldii	Cupped shipworm; Gould shipworm			X			
Barnea truncata	Atlantic mud piddock; Truncate borer			X			
Berghia benteva			X	X	X	X	
Berghia coerulescens			X	X	X	X	
Boonea impressa	Impressed odostome		X	X			
Boonea seminuda	Half-smooth odostome		X	X			
Brachidontes exustus	Scorched mussel		X	X	X	X	

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Scientific Name	Common Name	Tidal Fresh/Brackish Intertidal	Tidal Fresh/Brackish Submerged	Estuarine Intertidal	Estuarine Submerged	Ocean Beach/Surf	Shallow Atlantic Shelf
<i>Busycon carica</i>	Knobbed whelk			X	X	X	
<i>Busycon sinistrum</i>	Lightning whelk						X
<i>Busycotypus canaliculatus</i>	Channeled whelk		X	X	X		
<i>Calliostoma euglyptum</i>	Sculptured topsnail; Florida top shell			X	X	X	
<i>Calliostoma pulchrum</i>	Beautiful topsnail; Beautiful top shell						X
<i>Catriona perca</i>				X	X	X	
<i>Cerithiopsis emersoni</i>	Emerson's cerith			X	X	X	
<i>Cerithiopsis greeni</i>	Green's cerith			X	X	X	
<i>Chaetopleura apiculata</i>	Eastern bearded chiton; Bee chiton; Common eastern chiton			X	X	X	
<i>Chama congregata</i>	Corrugate jewelbox					X	X
<i>Chione elevata</i>		X	X				
<i>Chione grus</i>	Gray pygmy venus; Gray pygmy chione		X	X	X		
<i>Cochliolepis parasitica</i>	Parasitic scalesnail			X			
<i>Corbula contracta</i>	Contracted corbula			X			X
<i>Corbula swiftiana</i>	Radial-ridged corbula; Swift corbula			X			
<i>Costoanachis avara</i>	Greedy dovesnail		X	X	X	X	
<i>Costoanachis lafresnayi</i>	Well-ribbed dovesnail			X		X	
<i>Crassinella martinicensis</i>	Martinique crassinella			X		X	
<i>Crassostrea virginica</i>	Eastern oyster			X	X	X	X
<i>Cratena pilata</i>				X			
<i>Crepidula fornicata</i>	Common Atlantic slippersnail			X	X	X	X
<i>Crepidula plana</i>	Eastern white slippersnail; Flat slipper snail			X	X	X	X
<i>Cumingia tellinoides</i>	Tellin semele			X	X		
<i>Cyclostremiscus pentagonus</i>				X	X		
<i>Cyrtopleura costata</i>	Angelwing				X	X	X
<i>Dinocardium robustum</i>	Atlantic giant cockle						X
<i>Diodora cayenensis</i>	Cayenne keyhole limpet; Little keyhole limpet			X	X	X	X
<i>Diplodonta punctata</i>	Atlantic diplodon			X			
<i>Diplothyra smithii</i>	Oyster piddock			X	X	X	
<i>Divaricella quadrifasciata</i>	Cross-hatched lucine			X			
<i>Donax variabilis</i>	Variable coquina (delete clam)			X	X		
<i>Dondice occidentalis</i>	Western dondice			X	X		
<i>Doridella obscura</i>	Obscure corambe			X	X	X	
<i>Doriopsilla pharpha</i>	Lemon drop			X	X		
<i>Doris verrucosa</i>	Sponge slug			X			
<i>Dosinia discus</i>	Disk dosinia; Disk shell; Disk clam			X	X		
<i>Doto sp. A</i>				X	X		
<i>Ensis directus</i>	Atlantic jackknife clam; Common razor clam			X	X	X	
<i>Entovalva sp. A</i>				X		X	
<i>Entovalva sp. B</i>				X		X	
<i>Epitonium multistriatum</i>	Many-ribbed wentletrap; Crowded wentletrap			X		X	
<i>Ercolania fuscata</i>	Dusky stiltiger			X			

Scientific Name	Common Name	Tidal Fresh/Brackish Intertidal	Tidal Fresh/Brackish Submerged	Estuarine Intertidal	Estuarine Submerged	Ocean Beach/Surf	Shallow Atlantic Shelf
<i>Ervilia concentrica</i>	Concentric ervilia						X
<i>Eupleura caudata</i>	Thick-lip drill	X	X				
<i>Fargoa bushiana</i>			X				
<i>Fargoa dianthophila</i>	Serpulid odostome	X	X	X			
<i>Fasciolaria hunteria</i>	Banded tulip	X	X	X	X		
<i>Fiona pinnata</i>	Fiona			X			
<i>Gemma gemma</i>	Amethyst gemclam	X	X				
<i>Geukensia demissa</i>	Ribbed mussel	X	X				
<i>Kurtziella limonitella</i>	Punctate mangelia			X			
<i>Learchis poica</i>		X	X	X			
Lepton sp. A				X			
<i>Lima pellucida</i>	Antillean fireclam; Inflated file shell	X	X			X	
<i>Lithophaga bisulcata</i>	Mahogany datemussel; Two-furrowed datemussel	X	X			X	
<i>Littoraria irrorata</i>	Marsh periwinkle	X	X				
<i>Littoridinops monroensis</i>	Cockscomb hydrobe	X	X	X	X		
<i>Lolliguncula brevis</i>	Atlantic brief squid; Brief thumbstall squid			X	X	X	
Lomanotus sp. A		X	X				
<i>Lyonsia (Entodesma) beania</i>	Pearly lyonsia					X	
<i>Lyonsia (Entodesma) hyalina</i>	Glassy lyonsia			X	X	X	
<i>Macoma tenta</i>	Elongate macoma; Narrowed macoma			X			
<i>Macrocallista nimbosa</i>	Sunray venus; Sunray shell			X			X
<i>Martesia cuneiformis</i>	Wedge piddock; Wood piddock			X			
<i>Melampus bidentatus</i>	Eastern melampus; Saltmarsh snail; Duck snail	X	X				
<i>Mercenaria campechiensis</i>	Southern quahog	X	X	X			
<i>Mercenaria mercenaria</i>	Northern quahog	X	X	X			
<i>Miesea evelinae</i>				X	X		
<i>Modiolus americanus</i>	American horsemussel; Tulip mussel			X	X		
Montacutidae sp. A				X			
<i>Mulinia lateralis</i>	Dwarf surfclam; Little surfclam	X	X			X	
<i>Musculus lateralis</i>	Lateral mussel	X	X	X	X		
Mysella sp. B			X			X	
Mysella sp. C			X			X	
<i>Nassarius obsoletus</i>	Eastern mudsnail; Mud dog whelk	X	X				
<i>Nassarius trivittatus</i>	Threeline mudsnail; New England dog whelk					X	X
<i>Nassarius vibex</i>	Bruised nassa; Mottled dog whelk			X	X		
<i>Neverita duplicata</i>	Shark eye	X	X	X	X		
<i>Noetia ponderosa</i>	Ponderous ark			X			
<i>Nototeredo knoxi</i>	Foliaceous shipworm; Knox shipworm			X	X	X	
<i>Nucula proxima</i>	Atlantic nutclam; Near nut shell			X		X	
<i>Octopus vulgaris</i>	Common octopus; Common Atlantic octopus						X
Okenia impexa				X	X		
Okenia sapelona	Sapelo okenia	X	X				

Okenia sp. A

<u>Scientific Name</u>	<u>Common Name</u>	Tidal Fresh/Brackish Intertidal	Tidal Fresh/Brackish Submerged	Estuarine Intertidal	Estuarine Submerged	Ocean Beach/Surf	Shallow Atlantic Shelf
Okenia sp. B					X		
Oliva sayana	Lettered olive			X	X	X	
Olivella mutica	Variable dwarf olive; Dwarf olive						X
Onobops jacksoni	Fine-lined hydrobe	X	X				
Ostrea equestris	Crested oyster			X	X	X	
Pandora trilineata	Three-line pandora; Three-lined pandora						X
Paramya subovata	Subovate softshell clam; Ovate paramya				X		
Parvanachis obesa	Fat dovesnail				X		
Parvilucina multilineata	Many-lined lucine			X		X	
Petricola pholadiformis	False angelwing			X	X		
Pisania tincta	Tinted cantharus			X	X		
Polydera hummi				X	X		
Polycerella emertoni				X	X	X	
Polymesoda caroliniana	Carolina marshclam			X	X		
Pteria columbus	Atlantic wing-oyster; Winged pearl oyster				X	X	X
Pyrgocythara plicosa	Plicate mangelia			X	X	X	
Rangia cuneata	Atlantic rangia; Wedge rangia	X	X				
Rupellaria typica	Atlantic rupellar; Atlantic rupellaria				X	X	
Scyllaea pelagica	Sargassum nudibranch					X	X
Seila adamsi					X	X	
Semelina nuculoides	Nut semele; Tiny semele						X
Simnia uniplicata	One-tooth simnia; Single-toothed simnia			X	X	X	X
Solemya velum	Atlantic awningclam; Veiled clam			X			
Solen viridis	Green jackknife clam; Little green razor clam			X			X
Sphenia antillensis	Antillean sphenia			X	X	X	
Spisula solidissima	Atlantic surf clam; Skimmer clam			X	X	X	
Spurilla neapolitana	Neapolitan spurilla			X	X	X	
Strigilla mirabilis	White strigilla						X
Tagelus divisus	Purplish tagelus				X		
Tagelus plebeius	Stout tagelus			X	X		
Tectonatica pusilla	Miniature moonsnail						X
Tellina aequistrigata	Striate tellin				X		
Tellina agilis	Northern dwarf tellin				X	X	X
Tellina alternata	Alternate tellin; Lined tellin				X		
Tellina americana	American tellin						X
Tellina iris	Rainbow tellin; Iris tellin				X		X
Tellina probrina	Slandered tellin						X
Tellina sybaritica	Sybaritic tellin; Dall's dwarf tellin						X
Tellina texana	Texas tellin				X		
Tenellia pallida					X	X	
Terebra dislocata	Eastern auger; Common auger						X

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<u>Scientific Name</u>	<u>Common Name</u>	Tidal Fresh/Brackish Intertidal	Tidal Fresh/Brackish Submerged	Estuarine Intertidal	Estuarine Submerged	Ocean Beach/Surf	Shallow Atlantic Shelf
<i>Thais haemastoma floridana</i>	Florida rocksнail; Florida rock shell			X	X		
<i>Thecacera pennigera</i>				X			
<i>Trachycardium muricatum</i>	Yellow pricklycockle; Common cockle; Yellow cockle			X		X	
<i>Trapania</i> sp. A				X	X	X	
<i>Tritonia bayeri</i>				X	X		X
<i>Turbonilla acicula</i>				X	X		
<i>Turbonilla buteonis</i>						X	
<i>Turbonilla wrightsvillensis</i>				X	X		
<i>Urosalpinx cinerea</i>	Atlantic oyster drill			X	X		
<i>Vitrinellidae</i> sp. A				X	X		
<i>Americamysis almyra</i>						X	X
<i>Americamysis bahia</i>				X		X	
<i>Americamysis bigelowi</i>					X		X
<i>Bowmaniella dissimilis</i>					X	X	X
<i>Bowmaniella mexicana</i>							X
<i>Brasilomysis castroi</i>					X		X
<i>Heteromysis formosa</i>					X		X
<i>Metamysidopsis swifiti</i>						X	X
<i>Mysidopsis furca</i>					X		X
<i>Neomysis americana</i>					X		X
<i>Theristus polychaetophilus</i>					X		
<i>Amphiporus cruentatus</i>					X	X	
<i>Amphiporus ochraceus</i>					X	X	X
<i>Carcinonemertes carcinophila</i>					X	X	X
<i>Carinoma tremaphoros</i>					X	X	
<i>Carinomella lactea</i>						X	
<i>Cerebratulus lacteus</i>	Milky ribbon worm				X	X	
<i>Cerebratulus lineolatus</i>					X	X	
<i>Cerebratulus</i> sp. A						X	
<i>Lineus bicolor</i>					X	X	X
<i>Lineus socialis</i>					X	X	X
<i>Lineus</i> sp. A					X	X	
<i>Micrura leidyi</i>	Red nemertean worm; Leidy's nemertean worm				X		
<i>Nemertopsis bivittata</i>					X	X	
<i>Oerstedia dorsalis</i>							X
<i>Pantinonemertes agricola</i>							X
<i>Paranemertes biocellatus</i>					X	X	
<i>Tetrastemma candidum</i>					X	X	
<i>Tubulanus pellucidus</i>					X	X	
<i>Tubulanus rhabdotus</i>					X	X	
<i>Zygeupolia rubens</i>					X	X	
<i>Zygonemertes virescens</i>					X	X	X

Enchytraeidae sp. A

Scientific Name	Common Name	Tidal Fresh/Brackish Intertidal	Tidal Fresh/Brackish Submerged	Estuarine Intertidal	Estuarine Submerged	Ocean Beach/Surf	Shallow Atlantic Shelf
<i>Monopylephorus rubroniveus</i>		X	X				
Paranais (frici?)		X	X				
<i>Peloscolex</i> sp. A				X			
<i>Tubificoides brownae</i>				X			
<i>Tubificoides heterochaetus</i>		X	X				
<i>Tubificoides wasselli</i>				X			
<i>Phoronis architecta</i>				X		X	
<i>Phoronis ovalis</i>				X		X	
<i>Bdelloura candida</i>	Horseshoe-crab flatworm			X			
<i>Conjuguterus parvus</i>				X			
<i>Coronadena mutabilis</i>		X	X	X			
<i>Digynopora americana</i>				X	X		
<i>Oligocladus floridanus</i>				X	X		
<i>Plagiostomum</i> sp. A		X	X	X			
<i>Prosthiostomum pulchrum</i>				X	X		
<i>Pseudoceros crozieri</i>	Lined flatworm; Crozier's flatworm			X			
<i>Stylochus ellipticus</i>	Oyster flatworm	X	X	X			
<i>Stylochus oculiferus</i>				X	X		
<i>Stylochus zebra</i>	Zebra oyster flatworm			X			
<i>Thysanozoon brocchi</i>						X	
<i>Aglaophamus verrilli</i>	Dwarf sandworm			X		X	
<i>Amphinome rostrata</i>						X	X
<i>Amphitrite ornata</i>	Ornate worm	X	X				
<i>Ancistrosyllis commensalis</i>				X			
<i>Ancistrosyllis jonesi</i>				X			
<i>Aphelochaeta marioni</i>		X	X	X	X		
<i>Aphelochaeta</i> sp.				X		X	
<i>Arabella iricolor</i>	Opal worm	X	X	X			
<i>Arabella mutans</i>				X		X	
<i>Arenicola cristata</i>	Southern lugworm			X			
<i>Aricidea bryani</i>				X			
<i>Aricidea fragilis</i>				X			
<i>Aricidea wassi</i>				X		X	
<i>Armandia agilis</i>				X		X	
<i>Armandia maculata</i>				X		X	
<i>Asabellides</i> sp. A				X			
<i>Asychis elongata</i>				X			
<i>Autolytus dentalius</i>		X	X	X	X		
<i>Autolytus prolifera</i>		X	X	X	X		
<i>Axiothella mucosa</i>				X		X	
<i>Bhawania goodei</i>				X			

Bhawania heteroseta

Scientific Name	Common Name	Tidal Fresh/Brackish Intertidal	Tidal Fresh/Brackish Submerged	Estuarine Intertidal	Estuarine Submerged	Ocean Beach/Surf	Shallow Atlantic Shelf
<i>Boccardiella hamata</i>		X	X				
<i>Branchioasychis americana</i>		X	X				
<i>Brania clavata</i>		X	X	X			
<i>Capitella capitata</i>	Capitellid threadworm	X	X			X	
<i>Carazziella hobsonae</i>				X			
<i>Caulieriella killariensis</i>				X		X	
<i>Caulieriella</i> sp.				X	X	X	
<i>Ceratonereis irritabilis</i>	Long-palped sandworm			X		X	
<i>Chaetopterus variopedatus</i>	Parchment worm			X			
<i>Cirriformia filigera</i>				X	X	X	
<i>Cirriformia grandis</i>				X			
<i>Cirrophorus lyriformis</i>				X		X	
<i>Cirrophorus</i> sp.				X		X	
<i>Cistenides gouldii</i>	Ice cream cone worm			X		X	
<i>Clymenella torquata</i>	Bamboo worm			X	X	X	
<i>Ctenodrilus serratus</i>				X			
<i>Dasybranchus lumbripoides</i>				X	X	X	
<i>Demonax microphthalmus</i>				X	X	X	X
<i>Dentatissyllis caroliniae</i>				X	X		
<i>Dexiospira corrugata</i>				X	X		
<i>Diopatra cuprea</i>	Plumed worm; Periscope tubeworm			X	X	X	X
<i>Displo uncinata</i>				X		X	
<i>Dodecaceria concharum</i>						X	X
<i>Dorvillea sociabilis</i>				X	X	X	X
<i>Drilonereis magna</i>				X	X		
<i>Drilonereis monroi</i>					X		
<i>Enoplobranchus sanguineus</i>				X	X	X	
<i>Eteone heteropoda</i>	Eteone worm			X	X		X
<i>Eteone lactea</i>					X		X
<i>Eulalia sanguinea</i>				X	X	X	X
<i>Eunice antennata</i>					X	X	X
<i>Eusyllis lamelligera</i>				X	X	X	X
<i>Exogone dispar</i>				X	X	X	X
<i>Exogone verugera</i>				X	X		X
<i>Fabricia sabella</i>				X	X	X	
<i>Glycera americana</i>	Bloodworm			X	X		X
<i>Glycera dibranchiata</i>				X	X		X
<i>Glycera robusta</i>				X	X		X
<i>Glycera sphyrabranca</i>				X	X		
<i>Glycinde solitaria</i>					X		X
<i>Goniada littorea</i>					X		X

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Scientific Name	Common Name	Tidal Fresh/Brackish Intertidal	Tidal Fresh/Brackish Submerged	Estuarine Intertidal	Estuarine Submerged	Ocean Beach/Surf	Shallow Atlantic Shelf
Haplosyllis spongicola	Sponge threadworm			X	X	X	
Harmothoe aculeata		X	X	X	X		
Harmothoinae sp. A			X				
Heteromastus filiformis		X	X				X
Hyboscolex longiseta						X	
Hydroides dianthus				X	X	X	X
Kinbergonuphis jenneri					X	X	
Laeonereis culveri	Culver's sandworm	X	X				
Leitoscoloplos fragilis			X	X			X
Leitoscoloplos robustus			X	X			X
Lepidametria commensalis	Many-scaled worm			X	X	X	X
Lepidasthenia varia				X	X		
Lepidonotus sublevis	Twelve-scaled worm			X	X	X	X
Lepidonotus variabilis	Fringed scaleworm			X	X	X	X
Loimia medusa	Medusa worm			X	X	X	X
Loimia viridis				X	X		X
Lumbrineris coccinea				X	X	X	X
Lysidice ninetta				X	X	X	X
Lysilla alba				X	X		X
Macrolymene zonalis					X	X	
Magelona papillicornis				X	X		X
Magelona phyllisae				X	X		X
Magelona sp.					X		X
Malmgrenia lunulata						X	
Manayunkia aestuarina					X		
Marphysa sanguinea					X	X	X
Mediomastus ambiseta					X		X
Mediomastus californiensis					X	X	X
Megalomma lobiferum					X	X	X
Melinna maculata					X	X	
Mesochaetopterus taylori					X	X	
Montecellina sp.						X	X
Mooreonuphis nebulosa						X	
Myrianida pachycera						X	
Myriochele oculata							X
Nephrys bucura					X	X	X
Nephrys picta					X	X	X
Nereiphylla fragilis					X	X	X
Nereis acuminata					X		X
Nereis falsa					X	X	X
Nereis succinea	Common southern clamworm; Large sandworm			X	X	X	X
Notaulax nudicollis	Brown fanworm			X	X	X	

Scientific Name	Common Name	Tidal Fresh/Brackish Intertidal	Tidal Fresh/Brackish Submerged	Estuarine Intertidal	Estuarine Submerged	Ocean Beach/Surf	Shallow Atlantic Shelf
<i>Notomastus hemipodus</i>							X X X
<i>Notomastus latericeus</i>		X X					X
<i>Notomastus lobatus</i>		X X					X
<i>Odontosyllis fulgurans</i>		X X X					
<i>Onuphis eremita</i>	Shaggy parchment tubeworm						X
<i>Ophryotrocha puerilis</i>		X X					
<i>Ophryotrocha</i> sp. A		X X					
<i>Orbinia ornata</i>				X			
<i>Orbinia riseri</i>				X			
<i>Owenia fusiformis</i>	Roofing worm		X				X
<i>Parahesione luteola</i>		X X					
<i>Paranaitis gardineri</i>			X				
<i>Paranaitis speciosa</i>		X X					X
<i>Paraonis fulgens</i>		X X X X					
<i>Parapionosyllis longicirrata</i>		X X					X
<i>Parapionosyllis</i> sp.			X				X
<i>Parapriprionospio pinnata</i>	Fringe-gilled mudworm	X X					X
<i>Phyllodoce arenae</i>		X X					X
<i>Piromis eruca</i>		X X					
<i>Pista palmata</i>		X X					
<i>Platynereis dumerillii</i>				X X			
<i>Podarke obscura</i>				X			X
<i>Podarkeopsis levifuscina</i>				X			X
<i>Polycirrus carolinensis</i>				X			X
<i>Polycirrus eximius</i>				X X			X
<i>Polycirrus</i> sp.				X			X
<i>Polydora colonia</i>				X			
<i>Polydora cornuta</i>				X			X
<i>Polydora socialis</i>				X			X
<i>Polydora websteri</i>	Blisterworm	X X					
<i>Polyodontes lupina</i>	Silkworm of the sea	X X					
<i>Potamilla reniformis</i>				X			
<i>Potamilla torelli</i>				X			
<i>Prionospio cirrifera</i>				X X			
<i>Prionospio cristata</i>				X			X
<i>Prionospio dayi</i>				X			X
<i>Proceraea fasciata</i>				X X X			
<i>Pseudeurythoe ambigua</i>				X			X
<i>Sabellaria floridensis</i>	Honeycomb tubeworm	X X X X					
<i>Sabellaria vulgaris vulgaris</i>		X X X X					X
<i>Schistomerings rudolphi</i>		X X X					
<i>Scolecolepides viridis</i>		X X					

AP 8 Marine Species Habitat Associations
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Scientific Name	Common Name	Tidal Fresh/Brackish Intertidal	Tidal Fresh/Brackish Submerged	Estuarine Intertidal	Estuarine Submerged	Ocean Beach/Surf	Shallow Atlantic Shelf
<i>Scolelepis squamata</i>					X	X	X
<i>Scolelepis texana</i>							X
<i>Scoletoma impatiens</i>				X	X	X	
<i>Scoletoma tenuis</i>				X	X		X
<i>Scoloplos rubra</i>	Red threadworm				X	X	
<i>Sphaerosyllis longicauda</i>				X	X		X
<i>Spio multioculata</i>							X
<i>Spio setosa</i>						X	
<i>Spiochaetopterus costarum oculatus</i>				X	X	X	X
<i>Spiophanes bombyx</i>	Bee spionid				X		X
<i>Sthenelais boa</i>	Boa scaleworm				X		X
<i>Streblospio benedicti</i>				X	X	X	X
<i>Streptosyllis arenae</i>						X	
<i>Syllis cornuta</i>				X	X	X	X
<i>Syllis gracilis</i>					X	X	X
<i>Syllis hyalina</i>					X	X	X
<i>Synelmis ewingi</i>							X
<i>Terebella rubra</i>				X	X	X	
<i>Tharyx acutus</i>					X		X
<i>Tharyx setigera</i>				X	X		
<i>Thelepus setosus</i>				X	X	X	X
<i>Travisia parva</i>					X		X
<i>Trypanosyllis zebra</i>	Zebra worm					X	
<i>Adocia tubifera</i>					X	X	
<i>Aplysilla sulphurea</i>					X	X	
<i>Calcarea sp. A</i>						X	
<i>Cliona celata</i>	Yellow boring sponge; Sulfur sponge			X	X	X	X
<i>Cliona lobata</i>				X	X		X
<i>Cliona robusta</i>				X	X		
<i>Cliona spirilla</i>				X	X		
<i>Cliona vastifica</i>				X	X		
<i>Craniella laminaris</i>						X	
<i>Halichondria bowerbanki</i>	Crumb-of-bread sponge; Bowerbank's halichondria				X		X
<i>Haliclona loosanoffii</i>	Loosanoff's haliclona				X	X	
<i>Haliclona permollis</i>					X	X	
<i>Hymeniacidon heliophila</i>				X	X		
<i>Keratosa sp. A</i>				X	X		
<i>Leucosolenia canariensis</i>						X	X
<i>Lissodendoryx isodictyalis</i>	Garlic sponge				X	X	X
<i>Microciona prolifera</i>	Red beard sponge				X	X	X
<i>Mycale cecilia</i>						X	
<i>Mycale sp. A</i>						X	X

Poecilosclerida sp. A

Scientific Name	Common Name	Tidal Fresh/Brackish Intertidal	Tidal Fresh/Brackish Submerged	Estuarine Intertidal	Estuarine Submerged	Ocean Beach/Surf	Shallow Atlantic Shelf
<i>Prosuberites microsclerus</i>		X	X				
<i>Scypha barbadensis</i>		X	X	X			
<i>Tenaciella obliqua</i>		X	X	X			
<i>Xestospongia halichondrioides</i>				X	X		
<i>Achelia sawayai</i>		X	X	X	X		
<i>Anoplodactylus latus</i>			X	X	X		
<i>Anoplodactylus petiolatus</i>			X	X	X		
<i>Anoplodactylus pygmaeus</i>			X	X			
<i>Callipallene brevirostris</i>		X	X				
<i>Nymphopsis duodorsospinosa</i>			X	X			
<i>Pycnogonum cessaci</i>				X			
<i>Tanystylum orbiculare</i>		X	X	X			
<i>Phascolion strombus</i>				X			
<i>Themiste alutacea</i>		X	X	X			
<i>Coronis excavatrix</i>			X	X			
<i>Gibbesia neglecta</i>			X		X		
<i>Squilla empusa</i>	Common mantis shrimp		X		X		
<i>Halmyrapseudes bahamensis</i>		X	X	X			
<i>Hargeria rapax</i>		X	X				
<i>Tanaissus psammophilus</i>						X	
<i>Limulus polyphemus</i>	Horseshoe Crab	X	X	X	X		

TABLE AP 8 – 2: Marine Fish Species Habitat Association Table

Common Name	Scientific Name	Tidal Fresh & Brackish Intertidal	Tidal Fresh & Brackish Submerged	Estuarine Intertidal	Estuarine Submerged	Beach Surf	Shallow Shelf	Pools and Ponds	Impoundments
Sea Lamprey	<i>Petromyzon marinus</i>	X		X					
Spiny Dogfish	<i>Squalus acanthias</i>		X	X	X	X			
Nurse Shark	<i>Ginglymostoma cirratum</i>		X	X	X	X			
Sand Tiger Shark	<i>Carcharias taurus</i>		X	X	X	X			
Smooth Dogfish	<i>Mustelus canis</i>		X	X	X	X			
Blacknose Shark	<i>Carcharhinus acronotus</i>			X	X	X			
Spinner Shark	<i>Carcharhinus brevipinna</i>			X	X	X			
Finetooth Shark	<i>Carcharhinus isodon</i>		X	X	X	X			
Bull Shark	<i>Carcharhinus leucas</i>	X		X	X	X			
Blacktip Shark	<i>Carcharhinus limbatus</i>		X	X	X	X			
Sandbar Shark	<i>Carcharhinus plumbeus</i>	X		X	X	X			
Tiger Shark	<i>Galeocerdo cuvieri</i>						X		
Lemon Shark	<i>Negaprion brevirostris</i>				X	X	X		
Sharpnose Atlantic Shark	<i>Rhizoprionodon terraenovae</i>				X	X	X		
Scalloped Hammerhead	<i>Sphyrna lewini</i>				X	X	X		
Bonnethead	<i>Sphyrna tiburo</i>				X	X	X		
Lesser Electric Ray	<i>Narcine bancroftii</i>					X	X		
Atlantic Guitarfish	<i>Rhinobatos lentiginosus</i>					X	X		
Clearnose Skate	<i>Raja eglanteria</i>					X	X		
Southern Stingray	<i>Dasyatis americana</i>					X	X		
Roughtail Stingray	<i>Dasyatis centroura</i>						X		
Atlantic Stingray	<i>Dasyatis sabina</i>					X	X		
Bluntnose Stingray	<i>Dasyatis say</i>						X		
Smooth Butterfly Ray	<i>Gymnura micrura</i>					X	X		
Bullnose Ray	<i>Myliobatis freminvillei</i>						X		
Cownose Ray	<i>Rhinoptera bonasus</i>					X	X		
Shortnose Sturgeon	<i>Acipenser brevirostrum</i>	X		X					
Atlantic Sturgeon	<i>Acipenser oxyrinchus</i>	X		X					
Ladyfish	<i>Elops saurus</i>		X	X		X			X
Tarpon	<i>Megalops atlanticus</i>		X	X		X			
American Eel	<i>Anguilla rostrata</i>	X		X		X	X		X
Speckled Worm Eel	<i>Myrophis punctatus</i>	X		X		X	X		X
Shrimp Eel	<i>Ophichthus gomesii</i>						X		

Common Name	Scientific Name	Tidal Fresh & Brackish Intertidal	Tidal Fresh & Brackish Submerged	Estuarine Intertidal	Estuarine Submerged	Beach Surf	Shallow Shelf	Pools and Ponds	Impoundments
Palespotted Eel	<i>Ophichthus puncticeps</i>						X		
American Conger	<i>Conger oceanicus</i>		X	X	X	X	X		
Striped Anchovy	<i>Anchoa hepsetus</i>		X	X			X		
Dusky Anchovy	<i>Anchoa lyolepis</i>						X		
Bay Anchovy	<i>Anchoa mitchilli</i>	X		X			X		
Blueback Herring	<i>Alosa aestivalis</i>	X					X		
Hickory Shad	<i>Alosa mediocris</i>	X					X		
American Shad	<i>Alosa sapidissima</i>	X		X	X	X	X		
Atlantic Menhaden	<i>Brevoortia tyrannus</i>	X	X				X		
Round Herring	<i>Etrumeus teres</i>						X		
Scaled Sardine	<i>Harengula jaguana</i>						X		
Atlantic Thread Herring	<i>Opisthonema oglinum</i>						X		
Spanish Sardine	<i>Sardinella aurita</i>						X		
Hardhead Catfish	<i>Ariopsis felis</i>	X		X	X	X	X		
Gafftopsail Catfish	<i>Bagre marinus</i>	X		X	X	X	X		
Inshore Lizardfish	<i>Synodus foetens</i>		X				X		
Blotched Cusk-eel	<i>Ophidion grayi</i>						X		
Bank Cusk-eel	<i>Ophidion holbrookii</i>						X		
Striped Cusk-eel	<i>Ophidion marginatum</i>			X			X		
Carolina Hake	<i>Urophycis earllii</i>			X			X		
Southern Hake	<i>Urophycis floridana</i>			X			X		
Spotted Hake	<i>Urophycis regia</i>			X			X		
Oyster Toadfish	<i>Opsanus tau</i>			X	X	X	X		
Striped Mullet	<i>Mugil cephalus</i>	X		X	X	X	X		X
White Mullet	<i>Mugil curema</i>			X			X		
Rough Silverside	<i>Membras martinica</i>			X	X	X			
Inland Silverside	<i>Menidia beryllina</i>	X		X	X	X			
Atlantic Silverside	<i>Menidia menidia</i>			X	X	X			
Atlantic Needlefish	<i>Strongylura marina</i>			X	X	X	X		
Marsh Killifish	<i>Fundulus confluentus</i>	X						X	X
Mummichog	<i>Fundulus heteroclitus</i>	X		X					X
Spotfin Killifish	<i>Fundulus luciae</i>			X					X
Striped Killifish	<i>Fundulus majalis</i>					X			
Rainwater Killifish	<i>Lucania parva</i>		X					X	X
Sailfin Molly	<i>Poecilia latipinna</i>	X	X	X			X	X	X

Common Name	Scientific Name	Tidal Fresh & Brackish Intertidal	Tidal Fresh & Brackish Submerged	Estuarine Intertidal	Estuarine Submerged	Beach Surf	Shallow Shelf	Pools and Ponds	Impoundments
Sheepshead Minnow	<i>Cyprinodon variegatus</i>	X	X	X	X	X	X	X	X
Lined Seahorse	<i>Hippocampus erectus</i>		X	X	X				
Opossum Pipefish	<i>Microphis brachyurus</i>			X			X		
Northern Pipefish	<i>Syngnathus fuscus</i>			X			X		
Chain Pipefish	<i>Syngnathus louisianae</i>			X			X		
Gulf Pipefish	<i>Syngnathus scovelli</i>	X		X			X		
Bull Pipefish	<i>Syngnathus springeri</i>			X			X		
Northern Searobin	<i>Prionotus carolinus</i>				X	X	X		
Striped Searobin	<i>Prionotus evolans</i>				X	X	X		
Leopard Searobin	<i>Prionotus scitulus</i>				X	X	X		
Bighead Searobin	<i>Prionotus tribulus</i>				X	X	X		
Striped Bass	<i>Morone saxatilis</i>	X			X	X	X		X
Rock Sea Bass	<i>Centropristes philadelphica</i>				X	X	X		
Black Sea Bass	<i>Centropristes striata</i>				X		X		
Sand Perch	<i>Diplectrum formosum</i>				X		X		
Goliath Grouper	<i>Epinephelus itajara</i>	X			X	X	X		X
Red Grouper	<i>Epinephelus morio</i>				X		X		
Black Grouper	<i>Mycteroperca bonaci</i>				X		X		
Gag	<i>Mycteroperca microlepis</i>				X	X	X		
Belted Sandfish	<i>Serranus subligarius</i>				X		X		
Bluefish	<i>Pomatomus saltatrix</i>				X	X	X		
Sharksucker	<i>Echeneis naucrates</i>						X		
Cobia	<i>Rachycentron canadum</i>				X		X		
Blue Runner	<i>Caranx cryos</i>						X		
Crevalle Jack	<i>Caranx hippos</i>	X			X	X	X		
Horse-eye Jack	<i>Caranx latus</i>	X					X		
Atlantic Bumper	<i>Chloroscombrus chrysurus</i>				X	X	X		
Atlantic Moonfish	<i>Selene setapinnis</i>				X		X		
Lookdown	<i>Selene vomer</i>				X		X		
Florida Pompano	<i>Trachinotus carolinus</i>				X	X			
Permit	<i>Trachinotus falcatus</i>				X	X			
Mutton Snapper	<i>Lutjanus analis</i>				X	X	X		
Red Snapper	<i>Lutjanus campechanus</i>						X		
Gray Snapper	<i>Lutjanus griseus</i>				X	X	X		
Lane Snapper	<i>Lutjanus synagris</i>					X	X	X	

Common Name	Scientific Name	Tidal Fresh & Brackish Intertidal	Tidal Fresh & Brackish Submerged	Estuarine Intertidal	Estuarine Submerged	Beach Surf	Shallow Shelf	Pools and Ponds	Impoundments
Atlantic Tripletail	<i>Lobotes surinamensis</i>			X		X	X		
Spotfin Mojarra	<i>Eucinostomus argenteus</i>	X				X	X		
Silver Jenny	<i>Eucinostomus gula</i>					X	X		
Tomtate	<i>Haemulon aurolineatum</i>					X	X		
Pigfish	<i>Orthopristis chrysoptera</i>		X			X	X		
Sheepshead	<i>Archosargus probatocephalus</i>			X		X	X		
Pinfish	<i>Lagodon rhomboides</i>	X		X		X	X		
Scup	<i>Stenotomus chrysops</i>			X			X		
Silver Perch	<i>Bairdiella chrysoura</i>	X		X			X		X
Spotted Seatrout	<i>Cynoscion nebulosus</i>	X		X		X	X		
Silver Seatrout	<i>Cynoscion nothus</i>					X	X		
Weakfish	<i>Cynoscion regalis</i>	X		X		X	X		
Banded Drum	<i>Larimus fasciatus</i>			X		X	X		
Spot	<i>Leiostomus xanthurus</i>	X		X		X	X		X
Southern Kingfish	<i>Menticirrhus americanus</i>			X		X	X		
Gulf Kingfish	<i>Menticirrhus littoralis</i>						X	X	
Northern Kingfish	<i>Menticirrhus saxatilis</i>						X	X	
Atlantic Croaker	<i>Micropogonias undulatus</i>	X		X		X	X		
Black Drum	<i>Pogonias cromis</i>			X		X	X		
Red Drum	<i>Sciaenops ocellatus</i>	X		X		X	X		X
Star Drum	<i>Stellifer lanceolatus</i>			X		X	X		
Dwarf Goatfish	<i>Upeneus parvus</i>						X		
Northern Stargazer	<i>Astroscopus guttatus</i>						X		
Southern Stargazer	<i>Astroscopus y-graecum</i>						X	X	
Striped Blenny	<i>Chasmodes bosquianus</i>			X		X	X		
Crested Blenny	<i>Hypseurochilus geminatus</i>			X		X	X		
Feather Blenny	<i>Hypsoblennius hentz</i>			X					
Freckled Blenny	<i>Hypsoblennius ionthas</i>			X					
Skilletfish	<i>Gobiesox strumosus</i>			X		X	X		
Fat Sleeper	<i>Dormitator maculatus</i>	X							X
Largescaled Spinycheek Sleeper	<i>Eleotris amblyopsis</i>	X							X
Darter Goby	<i>Ctenogobius boleosoma</i>			X					
Freshwater Goby	<i>Ctenogobius shufeldti</i>	X							X
Emerald Goby	<i>Ctenogobius smaragdus</i>								
Lyre Goby	<i>Evorthodus lyricus</i>	X		X					X

Common Name	Scientific Name	Tidal Fresh & Brackish Intertidal	Tidal Fresh & Brackish Submerged	Estuarine Intertidal	Estuarine Submerged	Beach Surf	Shallow Shelf	Pools and Ponds	Impoundments
Highfin Goby	<i>Gobionellus oceanicus</i>			X					
Naked Goby	<i>Gobiosoma bosc</i>			X					
Seaboard Goby	<i>Gobiosoma ginsburgi</i>			X					
Green Goby	<i>Microgobius thalassinus</i>			X					
Atlantic Spadefish	<i>Chaetodipterus faber</i>			X		X	X		
Guaguanche	<i>Sphyraena guachancho</i>			X		X	X		
Atlantic Cutlassfish	<i>Trichiurus lepturus</i>			X		X	X		
King Mackerel	<i>Scomberomorus cavalla</i>							X	
Spanish Mackerel	<i>Scomberomorus maculatus</i>							X	
Harvestfish	<i>Peprilus paru</i>			X				X	
Butterfish	<i>Peprilus triacanthus</i>							X	
Windowpane	<i>Scophthalmus aquosus</i>							X	
Ocellated Flounder	<i>Ancylopsetta quadrocellata</i>			X		X	X		
Spotted Whiff	<i>Citharichthys macrops</i>							X	
Bay Whiff	<i>Citharichthys spilopterus</i>			X				X	
Fringed Flounder	<i>Etropus crossotus</i>			X		X	X		
Shelf Flounder	<i>Etropus cyclosquamus</i>							X	
Gulf Flounder	<i>Paralichthys albigutta</i>							X	
Summer Flounder	<i>Paralichthys dentatus</i>							X	
Southern Flounder	<i>Paralichthys lethostigma</i>			X		X	X		
Broad Flounder	<i>Paralichthys squamilentus</i>							X	
Dusky Flounder	<i>Syacium papillosum</i>							X	
Naked Sole	<i>Gymnachirus melas</i>							X	
Hogchoker	<i>Trinectes maculatus</i>			X		X	X		
Blackcheek Tonguefish	<i>Syphurus plagiusa</i>					X	X	X	
Dotterel Filefish	<i>Aluterus heudelotii</i>							X	
Orange Filefish	<i>Aluterus schoepfii</i>					X		X	
Planehead Filefish	<i>Stephanolepis hispidus</i>			X		X	X		
Smooth Puffer	<i>Lagocephalus laevigatus</i>							X	
Northern Puffer	<i>Sphoeroides maculatus</i>					X	X	X	
Striped Burrfish	<i>Chilomycterus schoepfi</i>					X	X	X	